CLAIMS

1. (Previously presented.) A method of producing a composite magnetic body, comprising the steps of:

preparing flat soft magnetic powder;

subjecting said flat soft magnetic powder to annealing to be free from stress strain;

mixing, after the annealing step, said flat soft magnetic powder with a binder and a solvent suitable for processing said binder, the mixing step producing a slurry-like mixture;

forming said slurry-like mixture into a film; and

removing said solvent from said film to produce a sheet of said composite magnetic body.

Claims 2-16 (Cancelled)

17. (Previously presented.) A method of producing a planar composite magnetic body, comprising the steps of:

preparing flat soft magnetic powder;

subjecting said flat soft magnetic powder to annealing to be free from strain of said flat soft magnetic powder;

mixing, after the annealing step, said flat soft magnetic powder, a binder, and a solvent, said solvent suitable for further processing said binder, to produce a slurry-like mixture;

forming said slurry-like mixture into a film; and

removing said solvent from said film to produce said planar composite magnetic body,

wherein said binder is chlorinated polyethylene.

PAGE 2/5 * RCVD AT 7/21/2004 10:39:25 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:2012390734 * DURATION (mm-ss):01-58

18. (Previously presented.) A method as claimed in claim 17, wherein said flat soft magnetic powder is subjected to surface treatment by the use of a coupling agent.

19. (Previously presented.) A method as claimed in claim 17, further comprising the steps of layering and pressing a plurality of said planar composite magnetic bodies to form an integral structure without inducing stress strain in said powder.

20. (Previously presented.) A method as claimed in claim 17, further comprising the step of pressing said planar composite magnetic body in a direction perpendicular to the plane without inducing stress strain in said powder.

21. (Previously presented.) A method of producing a composite magnetic body, comprising the steps of:

preparing flat soft magnetic powder;

subjecting said flat soft magnetic powder to annealing to be free from strain of said flat soft magnetic powder;

mixing, after the subjecting step, said flat soft magnetic powder, a binder, and a solvent suitable for dissolving said binder, the mixing step producing a slurry-like mixture;

forming said slurry-like mixture into a film;

removing said solvent from said film to produce said composite magnetic body in the form of a sheet, and

pressing said sheet in a direction perpendicular to a plane of said sheet without inducing stress strain in said powder.

22. (Previously presented.) A method as claimed in claim 21, wherein said flat soft magnetic powder is subjected to surface treatment by the use of a coupling agent.

23. (Previously presented.) A method as claimed in claim 21, further comprising the steps of layering and pressing a plurality of said sheets to form an integral structure without inducing stress strain in said powder.

PAGE 3/5 * RCVD AT 7/21/2004 10:39:25 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:2012390734 * DURATION (mm-ss):01-58

24. (Previously presented.) A method as claimed in claim 21, wherein said sheet is pressed, without inducing stress strain in said powder, by the use of at least one of a hot press, a rolling mill comprising a plurality of rolls between which said sheet is pressed, a rolling mill comprising an endless belt and a roll between which said sheet is pressed, and a rolling mill comprising a plurality of endless belts between which said sheet is pressed.

25. (Previously presented.) A method as claimed in claim 21, wherein said sheet is pressed, without inducing stress strain in said powder, by the use of a rolling mill comprising a plurality of rolls between which said sheet is pressed, at least one of said rolls being one of a surface-deformable roll having a surface subjected to resin coating and a surface-deformable roll made of one of a rubber and a macromolecular material having a rubber hardness of 90 or more and having a surface portion elastically deformable.

26. (Previously presented.) A method as claimed in claim 21, wherein said sheet is pressed, without inducing stress strain in said powder, by the use of a rolling mill comprising a plurality of rolls between which said sheet is pressed, at least one of said rolls having a surface portion elastically deformable.

27-33. (Cancelled.)

34. (New.) A method as claimed in claim 1, further comprising the steps of providing a planar conductive material, and layering and pressing a plurality of said composite magnetic bodies onto both sides of the planar conductive material.

35. (New.) A method as claimed in claim 19, further comprising the step of providing a planar conductive material, and wherein said plurality of composite magnetic bodies are pressed onto both sides of said planar conductive material.

36. (New.) A method as claimed in claim 21, further comprising the step of providing a planar conductive material, and wherein said plurality of composite magnetic bodies are pressed onto both sides of said planar conductive material.

PAGE 4/5 * RCVD AT 7/21/2004 10:39:25 AM [Eastern Daylight Time] * SVR:USPTO-EFXRF-1/0 * DNIS:8729306 * CSID:2012390734 * DURATION (mm-ss):01-58